

(12) **United States Patent**  
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(10) **Patent No.:** **US 9,636,024 B2**  
(45) **Date of Patent:** **May 2, 2017**

(54) **SYSTEMS AND METHODS FOR ESTIMATING HEMODYNAMIC PARAMETERS FROM A PHYSIOLOGICAL CURVE IMAGE**

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(\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **14/982,411**

(22) Filed: **Dec. 29, 2015**

(65) **Prior Publication Data**  
US 2016/0110865 A1 Apr. 21, 2016

**Related U.S. Application Data**  
(63) Continuation of application No. PCT/US2015/030401, filed on May 12, 2015.  
(Continued)

(51) **Int. Cl.**  
**A61B 5/02** (2006.01)  
**A61B 5/021** (2006.01)  
(Continued)

(52) **U.S. Cl.**  
CPC ..... **A61B 5/02108** (2013.01); **A61B 5/02028** (2013.01); **A61B 5/743** (2013.01);  
(Continued)

(58) **Field of Classification Search**  
CPC combination set(s) only.  
See application file for complete search history.

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(57) **ABSTRACT**

Systems and methods for estimating hemodynamic parameters from physiological curve images. A mobile device captures pictures of a physiological monitor display, which are used to extract the relevant physiological curve and upload it to an analysis server for processing and estimation of hemodynamic parameters. In some examples, the mobile device runs a dedicated application and is Internet-connected, which in turn connects to an Internet-connected analysis server. In some further examples, the system can be implemented using any computer that is capable of taking an image, extracting a physiological curve, and uploading it to a network service for analysis. In still further examples, analysis can be performed by the mobile device instead of via a remote server.

**7 Claims, 6 Drawing Sheets**

